



Southern California Association of Governments

Human Resources

818 West 7th Street, 12th Floor, Los Angeles, California 90017 • (213) 236-1910 • www.scag.ca.gov

LEAD TECHNICAL APPLICATION SPECIALIST #272 (Lead GIS Analyst)

Salary Range: \$5,798 - \$8,696 per month; Hiring Range: \$5,798 - \$7,247 per month
Open until Filled. Next Review of Applications is Friday, July 28, 2006.

THE POSITION

Under direction of the Manager of the Data and Monitoring Division within the Information Services Department. The employee will lead the development and implementation of technical applications involving GIS, agency databases, and web technology. The employee is expected to contribute significantly to the integration of GIS technology with other applications.

DESCRIPTION OF DUTIES

- Lead the development and implementation of an enterprise GIS system for the agency.
- Supervise database and web development activities related to GIS.
- Oversees staff responsible for technology improvements in GIS applications, processes and products including integration with web and database development tools.
- Manage technical applications projects including monitoring work flow, reviewing and evaluating work products, methods and procedures.
- Lead the development and implementation of internet mapping application improvements.
- Supervise the development of a centralized GIS database that contains core GIS data layers.
- Enhance the standardization of SCAG GIS products and compatibility with those from local governments and other key stakeholders.
- Provide technical and consulting assistance to staff members throughout the agency on GIS related policies, procedures, and operations.

IDEAL CANDIDATE EXPERIENCE...

- Extensive experience in integrating GIS, database and web applications.
- GIS database design and programming experience including writing SQL for a relational database on a Microsoft SQL server

- Experience in the development and maintenance of web applications including evaluation of user requirements, high-level design and scope documents, and application implementation
- Transportation GIS experience including application of linear referencing system
- Experience with data, applications and services such as ArcSDE and ArcIMS
- Data Modeling experience
- Supervisory experience and administrative skills
- Experience with .NET applications
- Experience with ArcObjects and Python

MINIMUM QUALIFICATIONS

Education, Training and Experience: Equivalent to a Bachelor's degree from an accredited college or university with major coursework in geography, urban planning, computer science, or related field and seven years of increasingly responsible technical application experience that included GIS, database, and web application integration and project management experience.

Knowledge of: Methods and processes of GIS, database and web application integration; Internet protocols and architecture: HTML, Cascading Style Sheets, JavaScript, web servers, security, and underlying protocols (i.e. HTTP, FTP, SMTP); object-oriented design and programming principles; supervision and training principles and practices; budget administration; project management concepts and methods; technical report preparation and presentation techniques; all GIS software and associated products.

Ability to: Analyze problems, identify alternative solutions, project consequences of proposed actions and implement recommendations; lead, train, and supervise staff; prepare and deliver public presentations and training; manage projects; communicate clearly both orally and in writing; work cooperatively and productively as a team member.

Special Requirements: Ability to work in a standard office environment; ability to travel to different sites and locations; possession of, or ability to obtain, an appropriate, valid driver's license.

APPLICATION AND SELECTION PROCEDURE

Applicants **should** submit a completed SCAG application and resume to:

Southern California Association of Governments
Attn: Human Resources Office
818 West 7th Street, 12th Floor, LA., CA 90017
(213) 236-1910 (213) 630-1493 fax
www.scag.ca.gov

Applications will be accepted on a continuous basis until SCAG's needs are met. This recruitment may close at any time without prior notice. Qualified applicants will be invited to participate in the selection process based on the application and resume submitted. Applicants must clearly demonstrate through their application materials that they meet the qualifications listed above. All applicants who meet the minimum qualifications are not guaranteed advancement through subsequent phases of the selection process. The selection process may consist of written testing, application screening, oral presentation, and oral board interview.

EMPLOYMENT INFORMATION

- Before employment, applicants will be required to provide documentation that verifies their proof of eligibility to work in the United States.
- Reference checking will be done prior to hire. A thorough background check including a review of criminal history, DMV report, financial history, and pre-employment physical may be conducted for certain classifications.
- Employees are required to serve a twelve-month probationary period. Manager and director positions are employed through an annual contract.

EMPLOYEE PROGRAMS AND BENEFITS

- **Insurance Coverage:** Employees may choose from two HMO and two PPO CalPERS health plans and two dental plans. SCAG contributes \$550/month towards insurance premiums with the cost difference paid out in cash. Vision insurance is provided at no cost to employees. Life insurance in the amount of \$50,000 is provided by employer. Supplemental life insurance is available at a minimal cost to the employee. Short-term and long-term disability insurance plans are provided by SCAG.
- **Retirement:** Employees become members of the Public Employees' Retirement System (PERS) 2% @ 55 plan. SCAG pays the employee's 7% contribution. ICMA and MetLife Group 457 deferred compensation plans are available. SCAG does not participate in Social Security.
- **Holidays:** A total of 13 paid holidays – 9 designated and 4 floating – are provided annually.
- **Vacation:** Ten to twenty days per year, depending on length of service with SCAG.
- **Sick Leave:** Employees earn sick leave at the rate of one day per month.
- **Health, Dependent Care, and Parking Reimbursement Account:** A tax-exempt savings plan is offered to pay eligible

expenses associated with health, dependent care, and parking.

- **Rideshare/Transportation Incentive Program:** SCAG pays \$35 per month towards carpool expenses, \$155 per month towards vanpool, bus or a monthly MetroLink pass. In order to receive this benefit, employees must utilize one of the listed options at least 13 days per month.
- **Flexible Time/Modified Work Week:** Some employees may work a modified 9-80 work schedule, with every other Friday off. SCAG offers a flexible work schedule to allow employees some flexibility on daily work hours.
- **Other Benefits:** SCAG offers credit union membership in the E-Central Credit Union. Employees may have their paychecks automatically deposited. A tuition reimbursement program is offered to employees.

THE ORGANIZATION

The Southern California Association of Governments (SCAG) is a Council of Governments and the largest regional planning agency in the nation, functioning as the Metropolitan Planning Organization for six counties established in 1965. SCAG develops long-term solutions for regional challenges such as transportation, air quality, housing, growth, hazardous waste, and water quality. SCAG works with cities, counties, and public agencies in the region to develop plans and strategies and action plans to address issues of regional and sub-regional concern and to help local agencies meet Federal and State planning mandates. SCAG also serves as a center for information exchange on a broad range of transportation, growth management, environmental, infrastructure and institutional issues. The SCAG region includes six counties, one hundred eighty-seven cities, 38,000 square miles, a population of 17 million, and is the 10th largest world economy. For more information on SCAG, please visit our website at www.scag.ca.gov.

THE LOCATION

The main SCAG offices are located in bustling downtown Los Angeles (LA). LA is located on the beautiful California Coast, and offers a year-round Mediterranean climate. The area is known for its cultural venues, sports centers, garment and jewelry districts, high-rise buildings, shopping, tourist attractions, fine restaurants, zoos, and museums. It is home to such professional sports organizations as the L.A. Lakers, Clippers, Sparks, Kings, and Dodgers. Downtown L.A. is easily accessible by MetroLink train, underground Metro, and bus.

EQUAL EMPLOYMENT OPPORTUNITY

SCAG is an equal employment opportunity employer. All personnel policies and programs are administered without regards to race, color, religion, political belief, age, national origin, sex, disability, cultural background, or sexual orientation. If you require assistance to participate in this recruitment, please call the Human Resources Office at (213) 236-1931.